

Selective Release Apparatus for Fluids

ABSTRACT

A selective release apparatus where an active agent can be released into a surrounding fluid like air upon detection of a contaminant compound such as an odor. The active agent can be a fragrance or a compound that combats or converts the contaminant. An exit orifice can be attached to a capsule or sack containing the active agent. A gas or compound selective polymer can surround the sack or capsule. Dilation of the polymer upon exposure to a target contaminant compound can either cause the sack or capsule to rupture releasing the active agent, or by increasing pressure in the sack or capsule, cause the active agent to be released through the exit orifice.